

A Utah Department of Transportation Super-Slab® Pavement Repair Project

I-15 Rehabilitation Contract IM-15-7(221)332 Layton to Clearfield, UT

Project Particulars

Owner: Utah Department of Transportation
Traffic Count: 97,000 ADT
Work Window: 5-Hour Night-time Closure (for two lanes)
Type of Contract: Design, Bid, Build
Specification: Utah DOT Special Provision
Type of Repair: Continuous and Intermittent



This was the first Super Slab project in Utah, and consisted of repairs to I-15 NB and SB, the major transportation corridor north of Salt Lake City between the Wasatch range on the east and the Great Salt Lake to the west. Precasting was completed by a local fabricator, Mountain West Precast, of Ogden. All repair slabs were 6' long. Due to the presence of many areas requiring multiple slabs, the contractor was able to install an average of 10 slabs per night despite the very short work window permitted by Utah DOT.

Slab Details

Slab Dimensions: 12' Wide (Avg.) X 6' Long X 8-3/4" thick
Slab Area: 35,028 SF (3,892SY)
No. Slabs: 486
Surface Type: All slabs were single plane

Slab Installation

Installation Dates: June-October, 2009
Months of Installation: 4-1/2
Production Rate: 10 slabs/night (average)

Project Participants

Utah Department of Transportation; Owner

Scott Nussbaum; 801-620-1606; snussbaum@utah.gov

B. Jackson Construction Company; General Contractor

Bart Jackson; 801-420-0988; bart@bjacksonconstruction.com

Mountain West Precast, Inc.; Precaster

Stephanie Loud; 801-394-0508; Stephanie@mtwestprecast.com

The Fort Miller Co., Inc.; Precast System Supplier

Peter Smith, P.E.; 518-695-5000; psmith@fmgroup.com

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No cure time required before opening slabs to traffic!

The Fort Miller Co., Inc.

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*Super-Slab® is protected under at least one of US Patent numbers; (6,607,329), (6,663,315), (6,709,192), (6,899,489), (6,962,462) and (7,004,674) and other U.S. and foreign patents pending. Super-Slab® is a registered US Trademark owned by The Fort Miller Co. Inc.